

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 2335-0002.40	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/US 02/ 13680	International filing date (day/month/year) 01/05/2002	(Earliest) Priority Date (day/month/year) 01/05/2001
Applicant A.V. TOPCHIEV INSTITUTE OF PETROCHEMICAL SYNTHESIS		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 2 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

10

☐ None of the figures.

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61L15/58 A61L15/00 A61L24/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, PAJ, BIOSIS, EPO-Internal, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 270 358 A (ASMUS ROBERT A) 14 December 1993 (1993-12-14) column 12, line 12 -column 15, line 6 claims	1-29
X	US 5 240 995 A (HAAK RONALD P ET AL) 31 August 1993 (1993-08-31) column 6, line 37 -column 7, line 4 claims	1-29
X	US 5 338 490 A (UY ROSA ET AL) 16 August 1994 (1994-08-16) column 10, line 16 -column 13, line 8 claims	1-29
A	US 6 162 456 A (DUNBAR DARTH ET AL) 19 December 2000 (2000-12-19) claims	1-29

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *G* document member of the same patent family

Date of the actual completion of the international search

9 September 2002

Date of mailing of the international search report

18/09/2002

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 02/13680

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5270358	A	14-12-1993	US 5369155 A	29-11-1994
			AT 120967 T	15-04-1995
			AU 648536 B2	28-04-1994
			AU 7074791 A	24-07-1991
			BR 9007960 A	27-10-1992
			CA 2071004 A1	29-06-1991
			DE 69018650 D1	18-05-1995
			DE 69018650 T2	14-12-1995
			DK 507878 T3	31-07-1995
			EP 0507878 A1	14-10-1992
			ES 2071297 T3	16-06-1995
			FI 922986 A	26-06-1992
			HK 91196 A	31-05-1996
			JP 3305711 B2	24-07-2002
			KR 147306 B1	01-08-1998
			NO 922553 A	26-08-1992
			WO 9109633 A1	11-07-1991
US 5240995	A	31-08-1993	US 5234992 A	10-08-1993
			MX 9203755 A1	01-07-1992
			US 5344394 A	06-09-1994
			AT 125856 T	15-08-1995
			AU 630946 B2	12-11-1992
			AU 5332990 A	05-09-1990
			CA 2009570 A1	09-08-1990
			DE 69021375 D1	07-09-1995
			DE 69021375 T2	25-01-1996
			DK 33790 A	10-08-1990
			DK 457849 T3	11-09-1995
			EP 0457849 A1	27-11-1991
			ES 2027093 A6	16-05-1992
			GR 90100081 A ,B	28-06-1991
			IE 68881 B1	24-07-1996
			JP 2885510 B2	26-04-1999
			JP 4504136 T	23-07-1992
			NZ 232431 A	28-04-1992
			PT 93096 A ,B	31-08-1990
			WO 9009413 A1	23-08-1990
US 5338490	A	16-08-1994	AU 662582 B2	07-09-1995
			AU 3057992 A	15-06-1993
			CA 2115441 A1	27-05-1993
			DE 69213758 D1	17-10-1996
			DE 69213758 T2	07-05-1997
			DK 616505 T3	24-02-1997
			EP 0616505 A1	28-09-1994
			JP 7500994 T	02-02-1995
			WO 9309713 A1	27-05-1993
US 6162456	A	19-12-2000	NONE	